



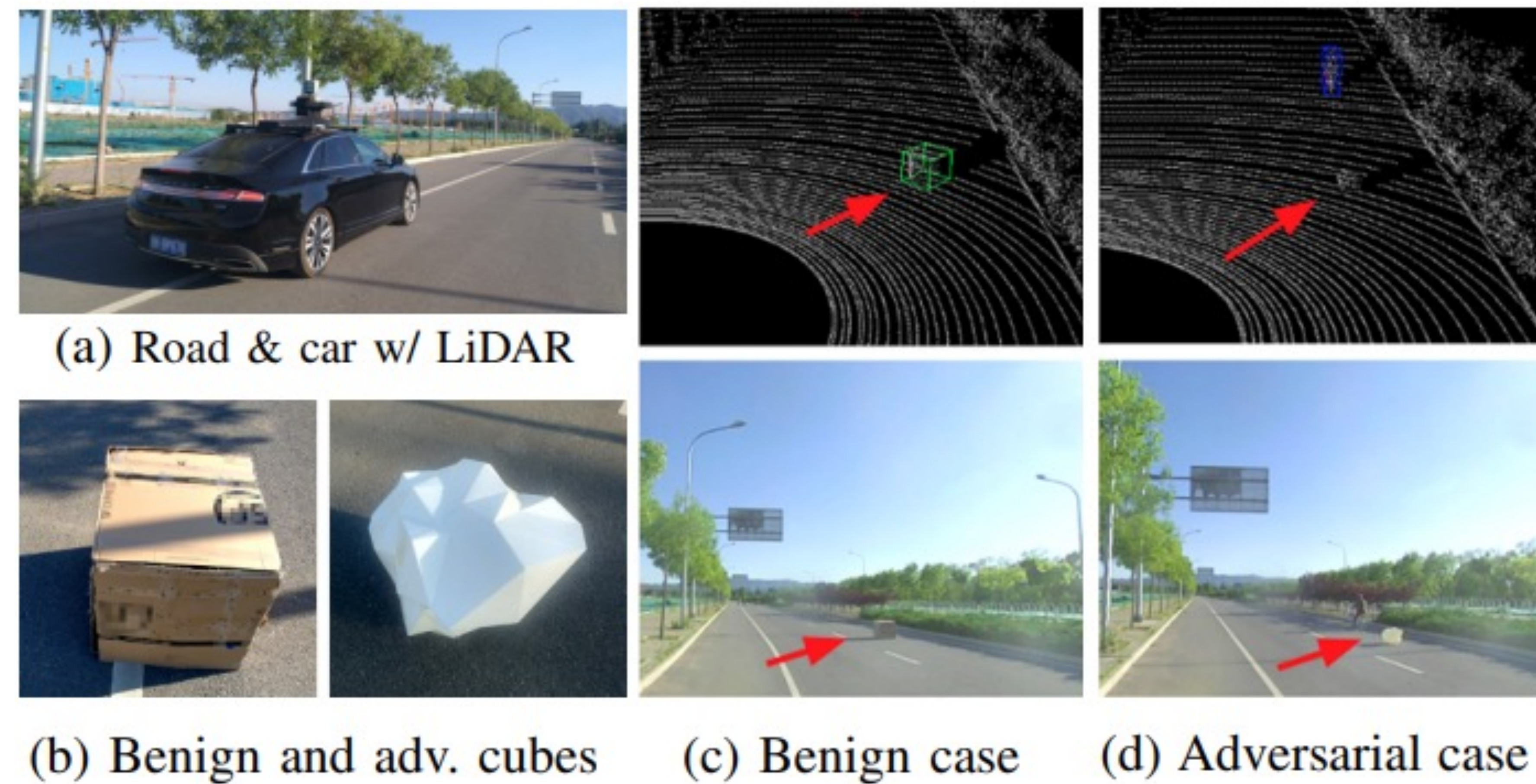
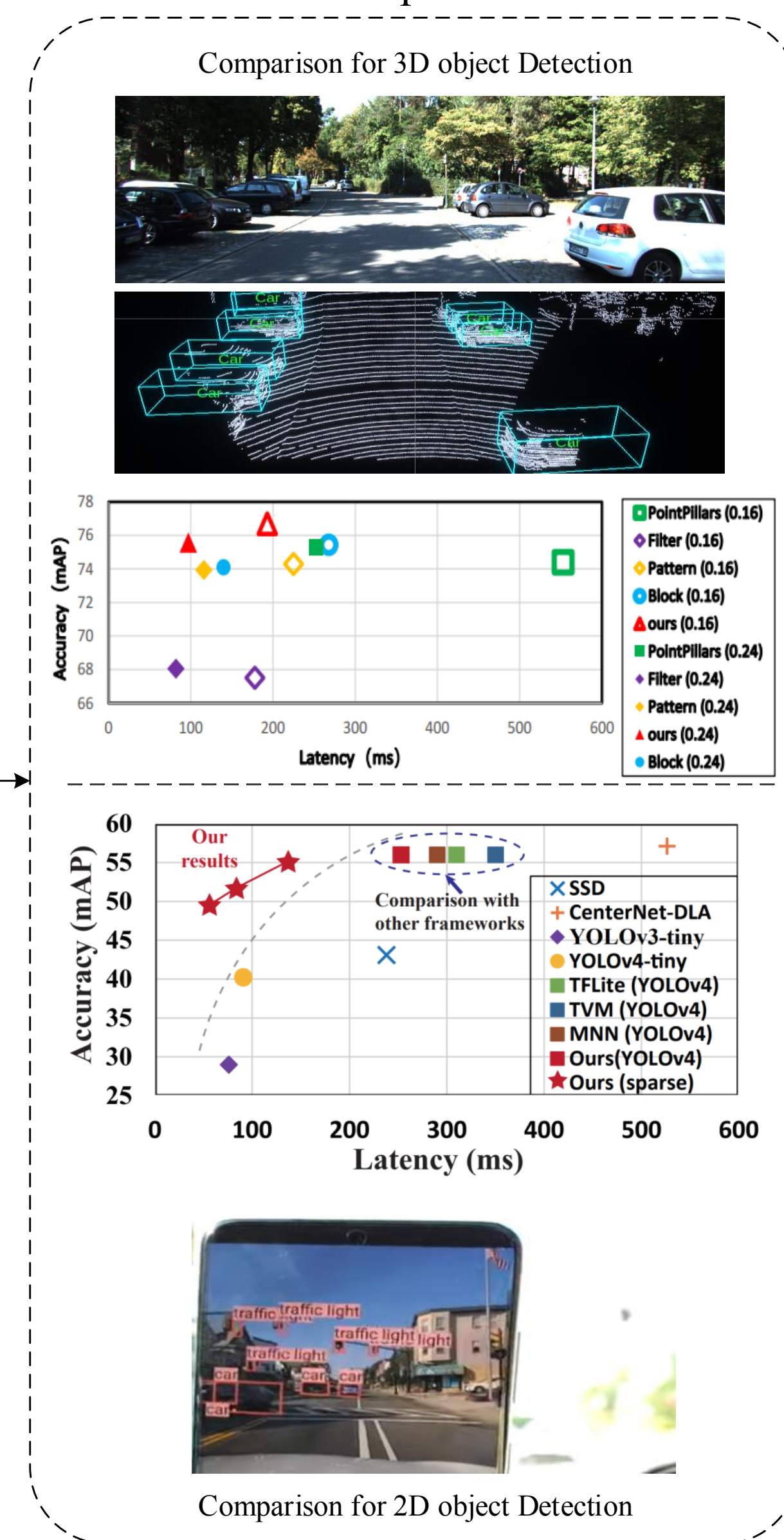
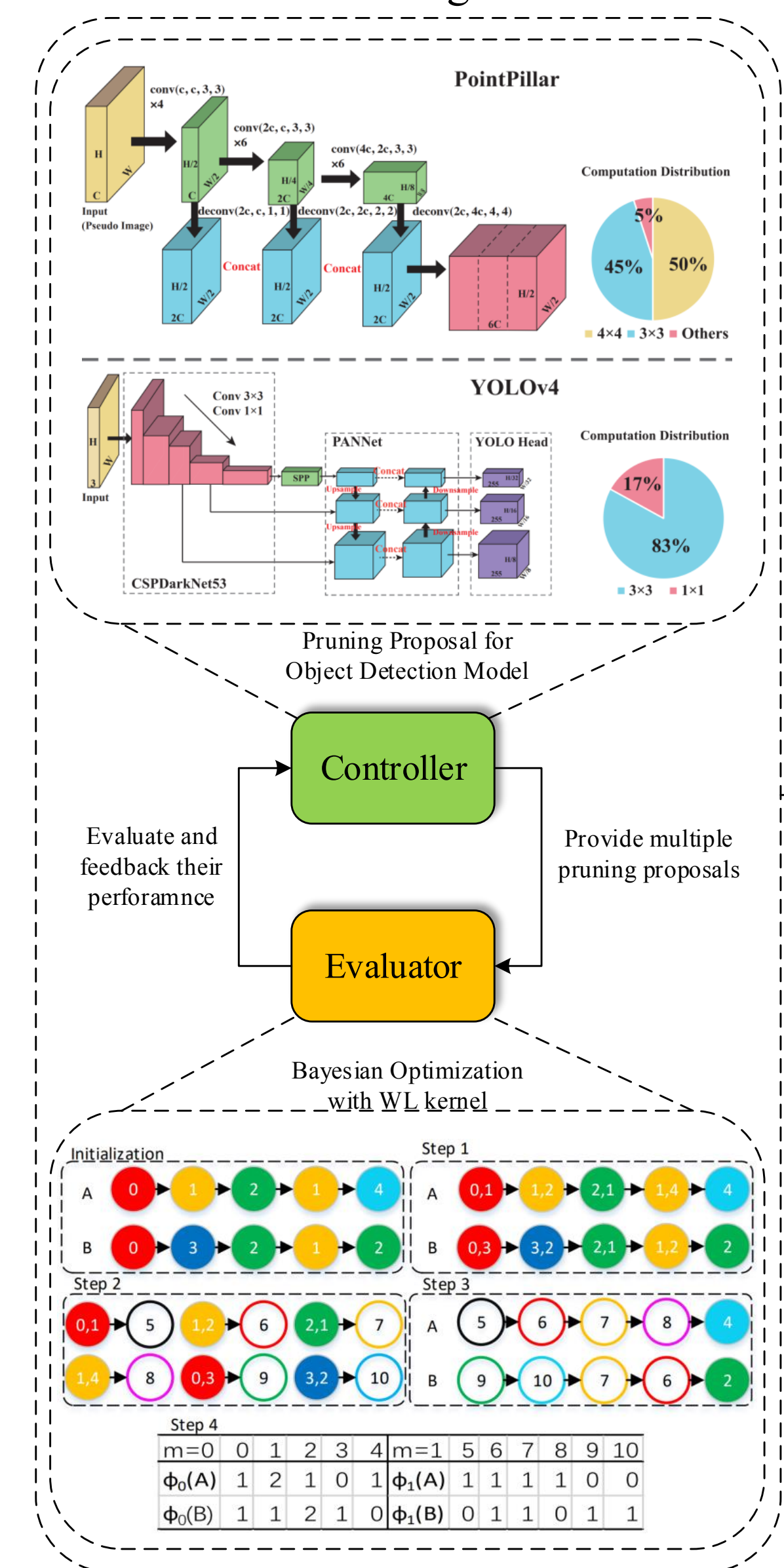
SecureNN: Design of Secured Autonomous Cyber-Physical Systems Against Adversarial Machine Learning Attacks

Award ID#: CNS-1932351/1932464; Nov 1, 2019 – Oct 31, 2022

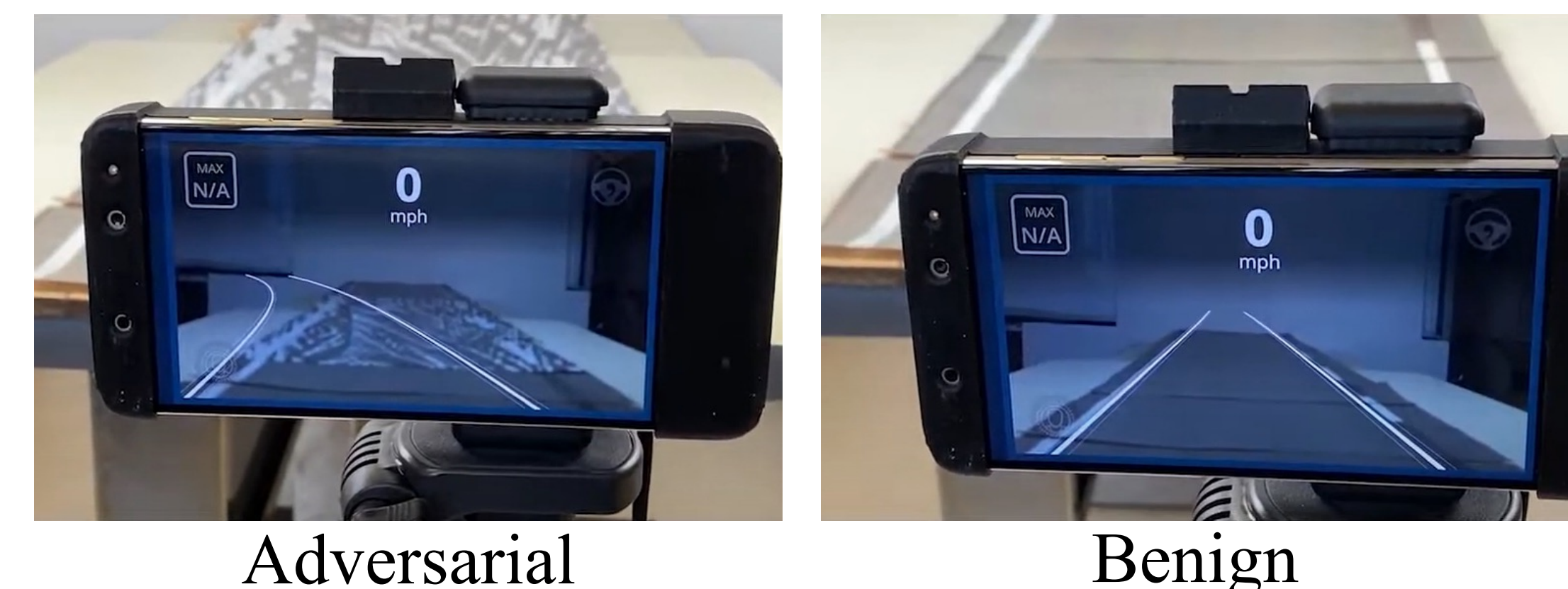
Xue Lin, Northeastern University; Qi (Alfred) Chen, University of California, Irvine

Neural Pruning Search

Comparison



Adversarial T-shirt
Dirty Road Patch



Towards Real-Time 2D/3D Object Detection for Autonomous Vehicles

Security of Multi-Sensor Fusion based Perception in Autonomous Driving under Physical-World Attack